

Title (en)  
ELECTRIC VEHICLE

Title (de)  
ELEKTROFAHRZEUG

Title (fr)  
VÉHICULE ÉLECTRIQUE

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Abstract (en)  
The present invention provides an electric vehicle including: a plurality of transmission shafts, wherein each transmission shaft is arranged along a lateral direction of the electric vehicle, the plurality of transmission shafts are spaced along the longitudinal direction of the electric vehicle, and each transmission shaft is used for driving wheels which are coaxially arranged and are located at opposite sides of the vehicle; at least two drive motors each of which is in transmission connection with at least one transmission shaft and is used for driving the at least one transmission shaft; wherein, at least one of the at least two drive motors is a single-shaft drive motor which is in transmission connection with only one transmission shaft to drive the only one transmission shaft. In the present invention, since the number of the drive motors is increased, the drive control of any transmission shaft can be realized. Further, the drive motors and the transmission shafts are modular in the present invention, so that the installation and control of the transmission shafts of the electric vehicle can be simplified.

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